

Perry Institute for Marine Science

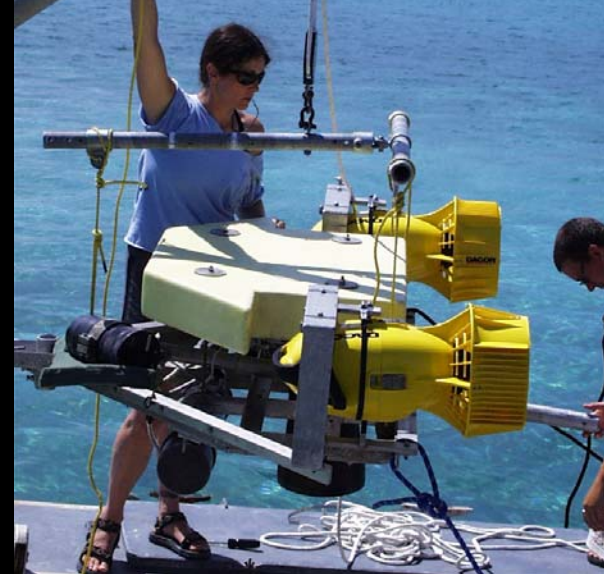
Caribbean Marine Research Center



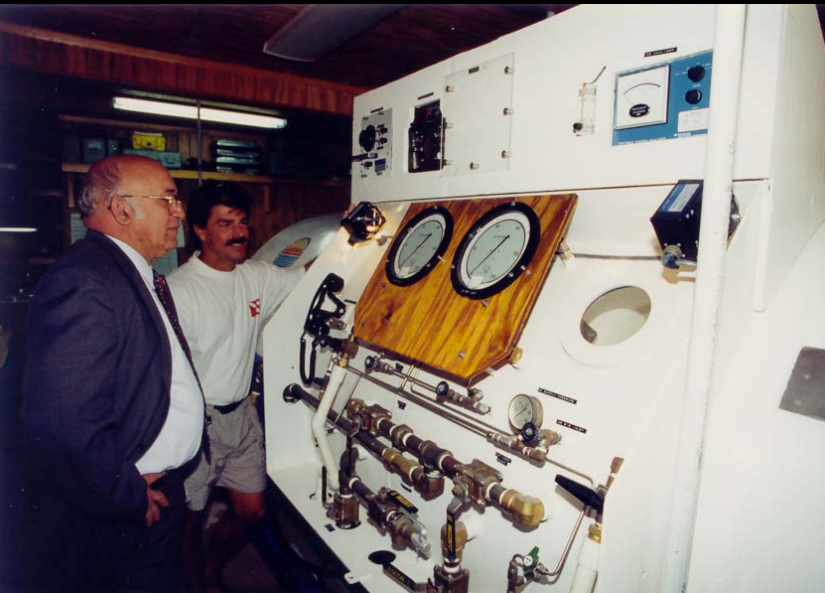
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Science Director

PIMS-CMRC

- CMRC, as part of PIMS, functions as the National Undersea Research Center for the Caribbean as part of the National Undersea Research Program (NURP)



As a NURP Center, CMRC Supports Research



CMRC Supports Research NURP Centers 2002-2004



	Human Occupied Submersibles	Remotely Operated Vehicles	Nitrox/S CUBA	Researchers	Institutions
NOAA's Undersea Research Center					
Northeastern United States and Great Lakes Center at University of Connecticut	8	320	133	577	184
Mid-Atlantic Center at Rutgers University	0	42	532	150	34
Southeastern United States and Gulf of Mexico Center at University of North Carolina	106	353	23157	926	212
Caribbean Center at Caribbean Marine Research Center	0	0	10974	311	74
West Coast and Polar Regions Center at University of Alaska	177	189	2149	390	134
Hawaii and Western Pacific Center at University of Hawaii	204	134	0	122	59
Totals	495	1038	36945	2476	697

Current Capabilities

- Support 3000 to 5000 scientific dives per year
- More than 100 cylinders of various sizes on hand
- Unlimited air, Nitrox, and Trimix
- Spring 2005 Trimix training to 300'!



Safety/Emergency Support

- Recompression Chamber
- All staff have been trained in Dive Rescue Accident Management
- All staff trained in Oxygen first aid for diving accidents



CMRC Technical Diving Training Center for Scientific Diving

- Perfect environment(s) for technical diving training (i.e. deep water research sites within 5 minutes of the dock, same with deep caves
- Current infrastructure can support this technology, and we are increasing our capabilities
- Ability to support research in these environments AND train divers and instructors



CMRC-CCRI Potential Collaborations

- Look for synergies among funding opportunities
- Comparative studies
 - Site comparisons
 - LSI as a reference site (minimal impacts)



CMRC-CCRI Potential Collaborations

- Look for synergies among funding opportunities
- Comparative studies
 - Research Cruises
 - maximize benefits of available resources
 - Advancing and applying new technologies: exploration of the deep fore reef
 - Limitations: geographic focus

